

Investigation of Turbidity in the Sea. I. Design  
of a Turbidity Meter and Preliminary Observations  
by Masaki Fukuda, Naiochi Inoue, Satoshi  
Nishizawa

JAPANESE, bul, Bulletin of the Faculty of Fisheries,  
Hokkaido University, Vol V, No 1, 1954, pp 99-104.

Navy Tr 1425/BO 431

Sci - Geophysics  
Dec 56 CTS

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Lipids of Flounder. IV. Egg Lipids of the  
Flounder, Hippoglossoides Dubius, by  
Hisanao Igarashi, Koichi Zamma, et al.  
JAPANESE, per, Bulletin of the Faculty of  
Fisheries, Vol XIV, No 2, 1964, pp 91-94.  
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Sci  
Jul 64

Agency: NIFS

P.O. No.: MA-667-72 #246

R-15513-E

11 Sept 72

Title: Studies on Pomacentrus orientalis Kishinouye  
IV. Physiological mechanism of ovulation

Author: Masao Oka

Source: Bull. of the Fac. of Fish., Nagasaki  
Univ., No. 23, Aug. 1967, pp. 57-69.

Language: Japanese

Special Instructions: Translate and type in 2 cys.  
Paste in diagrams and pictures

Chemical Studies of Marine Algae. III. The  
Varietal and Seasonal Variation in the Forms of  
Nitrogen in ~~K~~ Porphyra, by H. Takagi, 18 pp.

JAPANESE, per, Bull Fac Fish Hokkaido Univ, Vol  
II, Jun 1951, pp 1, 31-42.

S.L.A. Tr

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Sci - Chemistry  
Apr 1957 CTS/dex

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Chemical Studies of Marine Algae. IV. On the  
Sulfur-Containing Amino Acids, by M. Takagi, M.  
Suzuki, 7 pp.

JAPANESE, per, Bull Fac Fish Hokkaido Univ, Vol II,  
Feb 1952, pp 293-296.

S.L.A. Tr 705/1955

Sci - Chemistry  
Apr 1957 CTS/dex

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Chemical Studies of Marine Algae. V. Organic Bases  
in *Porphyra Pseudolinearis*, by M. Takagi, 10 pp.

JAPANESE, per, Bull Fac Fish Hokkaido Univ, Vol II,  
IV, Feb 1952, pp 297-301.

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Sci - Chemistry  
Apr 1957 CTS/dex

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Studies on the Manufacture of Canned Salmon, by ~~Shigeo~~  
Eiichi Tanikawa, Terushige Motohiro, Shigeo  
Shoji.

JAPANESE, ~~NEE~~ bul, Bulletin of the Faculty of  
Fisheries, Hokkaido University, Vol VI, No 4,  
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Dept of Int  
Wildlife Service  
Pacific Salmon Investigations  
No 16-18

FE - Japan  
Icon  
Apr 59

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Peculiarity of Population of Chum Salmon in the  
Shiraiuchi River, 14 pp, by T. Kubo.

JAPANESE, per, Bull Pac Fisheries Hokkaido  
Univ, Vol VI, No 4, 1956, pp 268-270.

SLA Tr 57-830

Sci - Biol

Sep 57

52, 782



Hydrocarbons in Pollack Liver Oil, by Isami Tsujino.  
JAPANESE, per, Bulletin of the Faculty of Fisheries,  
Hokkaido University, Vol XI, No 4, 1961, pp 222-224.

Fisheries Research Board  
Canada, Halifax Station

Sci - Biko1  
MAR 64

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On Reflection of Ultrasound From  
Discontinuous Boundaries in the Sea.  
Part I. Approximate Treatment of Ultrasound  
From the Group of Small Reflecting Bodies  
in the Sea, by Masami Ishida,  
Moritatsu Sano.

JAPANESE, per, Bulletin of the Faculty  
of Fisheries of Hokkaido University,  
Vol XII, 1962, pp 279-292.  
Dept of Navy/NRL No 1066

Sci - Earth Sci & Oceanography  
Oct 66

312,857

Agency: IFFS

P.O. No.: RA-667-72 #251

R-15770-8

4 Dec 72

Title: Changes in the flesh lipids of fish during frozen storage. Part II. Flesh lipids of several species of fish

Author: Kozo Takama, Koichi Noma, and Hisanao Igarashi

Source: Bull. of Fac. of Fish., Hokkaido Univ.

22(4): pp. 290-300, 1972

Language: Japanese (about two and one-half pages)

Special Instructions: Translate and type in Jpn.; paste in charts and figures

1971  
Assessment of yellowfin tuna stocks in the Atlantic Ocean,  
1955-1970  
Full. Far Seas Research Lab., (4), Apr. In Japanese.

Selected portions transl. by James J. Scholara, NMFS,  
Terminal Island, Calif., Oct. 1971. 2 p., typescript.

Avail. on loan - NMFS, Wash., D.C.

Original Article Checked *MF*

Sakaguchi, Kichiro 1971  
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Bull. of Freshwater Fish. Res. Lab., 19(2): 197-211.  
In Japanese.

Transl. by PRS for NMFS, July 1971, 31p., typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked. *NR*

Agency: FBI

R-12427-D

- Ref. No. Q-2-70-1152

24 Nov. 70

Title: Larvae of Echinopod Crustacea of Okinawa.  
1. Atolacyclidae (Atolacyclinae)

Author: Murata, Hiroshi

Source: Bulletin of the Hokkaido Regional Fisheries  
Lab., No. 27, Sept. 1963, pp. 13-24

Language: Japanese

12pp

Special Instructions: Translate and type 2 cys.

Takeuchi, Isa .

1962

On the distribution of decapod Anomura larvae off the west coast of the Kamchatka Peninsula in 1962. Bulletin of the Hokkaido Regional Fisheries Research Laboratory, (33): 64-71. In Japanese.

Transl. by JPRS for NIEHS, Apr. 1971, 13p., typescript.

Avail. on Loan - NIEHS, Wash., D.C.

Original Article Checked *MR*

Effect of Thinning on Stem Volume Yield,  
Studied in Conjunction with the Competition-  
Density Effect in the Case of Pinus Densiflora,  
by Y. Tadaki.

JAPANESE, per, Bulletin of the Government  
Forest Experiment Station No 166, Tokyo,  
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Jul 67

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TURKISH, bk, Bulletin of Gulhane Military Medical  
Academy, Jan 1969.

DIA IN 690-71

Oct 71

R-12330-B

P. No. 0-75/171

R-12330-B

4 Nov. 70

Title: The cytological observations on the gland cell of the branchial epidermis with the comparison of two types of Acetabularia medusa, land-locked and sea-run form.

Author: Hishida, Hideo

Source: Science Report Hokkaido Salmon Hatchery, No. 8, 1968, pp. 33-37

Language: Japanese

Special Instructions: To read to the type 2 cys. of no.

-15267-1-0.1.

3 July 1972

Title: On the age determination and morphological differences of the otolith of Alaska yellowtail on the Hokkaido coast

Author: Ishida, T.

Source: Bull. of Hokkaido Regional Fish. Sci. Lab., No. 11, Dec. 1961, pp. 36-67.

Language: Japanese

Special instructions: Translate and type in 2 cys.  
paste in charts and figures.

Kurata, Hiroshi

1963

Larvae of decapoda crustacea of Hokkaido

1. Atelocyolidae (atelocyolinae)

Bull. of Hokkaido Regional Fisheries Research Lab.,  
Fisheries Agency, (27), Sept: 13-24. In Japanese.

Transl. by JPNS for NAFS, Jan. 1971, 24p., typescript.

Avail. on Loan - NAFS, Wash., D.C.

Original Article Checked. *MR*

C-15268-B P.P.

3 July 1972

C. 15-7-72-234

Title: Age and growth of Alaska pollock (Gadus  
chalcus, gutta atlas) in the east Bering Sea

Author: Ichida, T.

Source: Bull. of Fisheries Res. Dev. Div.,  
No. 32, March ~~1967~~ 1967, pp. 1-7.

Language: Japanese

Special instructions: translate and type in 2 cpr.,  
paste in charts and figures.

Agency: INR  
Ref. No.: 69-1-75, 232

N-12337-D  
4 Nov. 70

Title: On the distribution of decapod Anomura larvae off  
the West Coast of the Kazubata Peninsula in 1969

Author: Takouchi, Tatsu

Source: Bulletin of the Hokkaido Regional Fisheries  
Research Laboratory, No. 33, Sept. 1967,  
pp. 64-71

Language: Japanese

Special Instructions: Translate and type 2 c/o.

Shimada, Teruo

1969

Study on the drop out from gillnet --- preliminary  
examination on the pass through fish.  
Publ. Hokkaido Reg. Fish. Res. Lab., 35(3): 1-6.  
In Japanese.

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Avail. on loan - NRPB, Wash., D.C.

Original Article Checked *NK*

Studies of the Motion of Artificial Lunar  
Satellites, by G.A.Gheotarev and S.N.  
Kirpichnikov.

RUSSIAN, per, Bul. of the Inst. of Theoretical  
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ACIC-TC-1082

Astron  
Aug 66

308,997



Lipids of Flounder. IV. Lipids of the Flounder, Hippoglossoides dubius, by Hisanao Igarashi, Koichi Zama.  
JAPANESE, per, Bulletin of the Faculty of Fisheries,  
Hokkaido University, Vol XIV, No 2, pp 91-94.

\*Fisheries Research  
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Sci<sup>1</sup> Biol & Med Sci  
March 64

and a change of the lipid system is also noted at  
Several Treating and Manufacturing Courses, by  
Masatoshi Miwa  
J. F. K. 251, per, Bulletin of the Hokkaido Regional  
Fisheries Research Laboratory, No 24, 1963,  
pp 129-134.  
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Sci-Hol/MED  
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Judging Nitrogen Requirements of Grape Vines by Determining  
Constituents of Amino Acids and Amides in Leaves, by R. Isoda.  
JAPANESE, per, Bulletin of the Hiroshima Agricultural College  
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Feb 64

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Chemical Studies on the Body Tissues of the Salmon,  
*Oncorhynchus Keta*, After Spawning, by Tsutomu  
Uno, Toshio Tokunaga, Masayoshi Nakamura,

JAPANESE, per, Bulletin of the Hokkaido Regional  
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Dept Interior  
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Sci - Biol  
May 61

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Design of Non-Mesh-Selective Salmon Gillnets  
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Operations, by T. Ishida, J. Ito.

JAPANESE, per, Bull. Hokkaido Reg. Fish.

Res. Lab., No 31, 1966, pp 1-10.

Dept of Interior

Fish and Wildlife Service

ECF, Bureau of Foreign Fisheries

FE-Japan

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Oct 67

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Island, Peru  
Age and growth of Alaska pollock (Theragra chalcogramma, 1967  
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Bull. of Hokkaido Reg. Fish. Res. Lab., (32), Mar.: 1-7.  
In Japanese.

Transl. by IPST for NMFS, Aug. 1972, 12p., typescript.

Avail. on loan - NMFS, Wash., D. C.

Original Article Checked.....<sup>HR</sup>

Subject: Fish

N-13420-P

C. . . . . 70-755-134

6 July 1971

Title: Study on the drop out of gillnet - preliminary  
consideration on the pass through fish

Author: Kohida, Toruo

Source: Bull. Tokushima Reg. Fish. Res. Lab., 25(3),  
1976, pp. 2-6.

Language: Japanese

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Translate and type in 2 c/s. and photo in charts and  
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On the Difference of the Stomach Contents of  
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On the Stomach Contents of Tuna in the West Indian  
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Sci - Biol  
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Apr 62

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Graphic Language and Cartography, by  
Jacques Bertin.  
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Nov 66

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Analytical and Acceptance Tests of Some Galileo-Santoni Model III Stereosimulplexes, by Mario Fondelli, 8 pp. UNCLASSIFIED

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Anatomical Studies of Tobacco Plants. ~~XXXXXXXXXX~~  
Dissection of Tobacco Tissue. 1. Development  
of the Vascular Bundle in the Tobacco Seedling,  
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Aug 63

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Radiometric Survey With a Car-Mounted Instrument  
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Yoshio HORIKAWA, Nakamaru OBI, 30 pp.  
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No 3, 1966, pp 148-160.  
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Gravimetric Map of Poland, by Tadeusz Olczak.  
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Sci - Earth Sci & Astron  
Sept 64

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Diffusion Coefficients of Moisture Through  
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Processes, by T. Yokota, K. Goto.

JAPANESE, per, Bull. Gov Forest Exp Res Stn  
Meguro, No 198, 1967, pp 201-224.

NAC/T730

Sci-Agri  
Sept 69

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Marking Experiment of the Young Herring (*Clupea Pallasii*) in the Pacific Coast of Hokkaido, 1949-1952, by Kondo, Heihachi, et al.

JAPANESE, per, Bulletin Hokkaido Reg Fish Res Lab -- Fish Agency, No 9, 1953, pp 17-56.

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Jan 63

Serological Studies on Clostridium Botulinum Type  
B. 2. Properties of the Antigens, by T. Ono  
JAPANESE, per, Bull. Hokkaido Hyg. Res. Inst. Rep.,  
Vol 13 1962, pp 9.  
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Sci -  
Sep 67

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Distribution of Ticks and Their Habitat  
In Hokkaido Pastures, by H. Namba.  
JAPANESE, per Bull. Hokkaido Agric. Res. Sta  
No. 80, 1963, pp 103-114  
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Sci -  
Aug 67

338-360

...Rain Forecasts of Discharges in the  
Vltava (Vltava) River at Stechovice  
Czechoslovakia, for Dry Periods, by  
Alois Bratranek, 22 pp.

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Hydrotechnical Institutes of T. G. Masaryk,  
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V  
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Mar 1957 CTB/dex

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FRENCH, Bull. Inacol, 1970, No. 21, 7,  
pp 239-250  
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STUDIES ON SAMPLING POINT FOR MEASUREMENT OF  
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LANGUAGE-JA COUNTRY-JA

BULL IND RES INST KANAGAWA PREF FEB 1971 NO 3  
1 PP 13-19

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Use of Actinide Elements in Isotopic Power  
Generators, by R. Berger, 17 pp.  
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Sci/ Engery Conv  
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4(LIB/Trans-375) 5OSIRIS. 40Translated by W.  
Buykx (Australian Atomic Energy Commission Research Estab-  
lishment, Lucas Heights), from 15Bull. Inform. Sci. Tech. (Paris);  
No. 111, 1-84(Jan 1967). 2085p. 24Dep. NTIS (U. S. Sales Only).  
25

26reactor control; reactor cooling; reactor safety; reactors-re-  
search; translations 2718I, 18M

28MN-80 29NP NSA

*AF* (NP-tr-1900) DEVELOPMENT OF NEUTRON RADIOGRAPHY WITHIN THE CEA. Boutaine, J. L. Translated by W. G. Stripp (Atomic Energy Research Establishment, Harwell, Eng.), from <sup>15</sup>Bull. Inform. Sci. Tech. (Paris); No. 136, 35-44(1969). 15p. Dep. CFSTI (U. S. Sales Only).

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<sup>26</sup>Physics (nuclear); translations <sup>27</sup>20H

<sup>28</sup>MN-34 <sup>29</sup>NP NSA

*PEC*  
4(LIB/Trans-245) 5INFLUENCES OF RADIATION ON  
THE OXIDATION OF ZIRCONIUM ALLOYS IN HIGH TEMPERA-  
TURE WATER. EXAMINATION OF THEIR BEHAVIOUR IN  
SUPERHEATED STEAM. 6Blanchet, J. 10Translated by W. Buylox  
(Australian Atomic Energy Commission Research Establishment,  
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26corrosion; radiation effects; reactor materials; translations  
2711F, 18J

28MN-25 29NP NSA

Activation Analysis with Charged Particles and  
Gamma Photons, by Ch. Engelmann. 7 pp.  
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pp 277-280. P500149068-V  
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Aug 68

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The Molecular Structure of 2, 2'-Dihalodiphenyl  
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Vol XXIII, 1944, pp 788-790.

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Apr 59

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Measurement of the Absorption, in Sea water, of  
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Depths Vertically and Horizontally, by  
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Scientific - Chemistry

May 55 CTS

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Kiyoshi Yoshimura, 9 pp,

JAPANESE, per, Bull Inst Phys Chem Research  
Tokyo, No 20, 1941, pp 201-208.

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Scientific - Chemistry

May 55 CTS

Dielectric Properties of Substances in the Sorbed  
State, Rpt No 1, by Izumi Higuchi

JAPANESE, per, Bulletin of the Institute for Physical  
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Tokyo.

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A Consideration of the Mechanism of Reduction  
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May 55 CTS

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Sci - Biol & Med  
Jul 67



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28reactor safety; translations 2118I

28MN-80 29NP NSA

Mobility of Electrons in Potassium and  
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NASA TT F-10,162

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Jul 66

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Electron-Ion Recombination Processes  
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F. Sakao.

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Some Problems Near an Electrode,  
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Phenomena Near Electrode Surfaces  
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